

**Flood Control Project Maintenance
Levee Inspections****LMA District Cover Sheet****Spring 2014 Levee Inspection Results****Sutter Maintenance Yard Nelson Bend**

	Spring (March - May)	Summer ** (June - August)	Fall (September - November)	Winter ** (December - February)
* Overall LMA Rating (Fall Only)				

** Non-receipt of Summer or Winter Inspection Reports may effect overall annual rating.

*
SPRING INSPECTIONS: Overall maintenance ratings are not determined for the spring inspection results. Individual maintenance deficiencies are rated using the same criteria in the spring and in the fall.

FALL INSPECTIONS: The overall maintenance rating shown above is based on operation and maintenance deficiencies identified within the attached unit inspection reports. This rating is not intended to be an indication of risk.

Comments

**Flood Control Project Maintenance
Levee Inspections**

Unit Cover Sheet

Spring 2014 Levee Inspection Results

Sutter Maintenance Yard Nelson Bend

Waterway			Bank	Unit Miles
Unit No. 01 Feather River West Levee-Nelson Bend				0.50
	Spring (March - May)	Summer (June - August)	(September - November) Fall	Winter (December - February)
Unit Maintenance Rating (Fall Only)				
Date of Inspection	05/01/2014 - 05/01/2014			
DWR Inspector	Matthew Hoffman			
Accompanied By				

Summer & Winter Inspections

The Local Maintaining Agency (LMA) is responsible for summer and winter inspections. The LMA is required to submit a report regarding summer and winter inspections to the California Department of Water Resources (DWR).

DWR must be informed on the:

- a) completion of the inspection
- b) any changes other than the results of normal maintenance
- c) corrections to deficiencies noted in this report

If additional items are noted, further documentation of those items must also be submitted.

The LMA should submit this information to DWR using the LMA web application tool available at:

<http://cdec.water.ca.gov/lma.html>

If the LMA is unable to submit information on this webpage, please contact DWR for assistance.

The LMA should submit the information and any associated documentation by September 30 for summer inspections and March 31 for winter inspections.

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2014

Sutter Maintenance Yard Nelson Bend

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Feather River West Levee-Nelson Bend		0.50	05/01/2014 05/01/2014	Matthew Hoffman

LM Start	0.00	Rating **	M	Issue No.	2
LM End	0.19	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation				° 38.884510 °
					° -121.615743 °
DWR ID	DWR_ST0006_01_s _ 2014_2				
Action/Comments					
Control annual grass and weeds on the levee slopes and easements.					

Photo 1 of 1 : mhoffman_s_20140502_501.jpg



This photo was taken from the crown facing south looking down the landward levee slope at vegetation requiring maintenance. Spring 2014.

LM Start	0.00	Rating **	A/W	Issue No.	7
LM End	0.50	Issue Type +	Ma	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments				°
					°
DWR ID	DWR_ST0006_01_f _ 2012_7				
Action/Comments					
Fence					
Inspector Comments: A landowner has constructed a gate on the crown that prevents inspection of this unit. The unit was inaccessible for the fall 2012 season and was not inspected. The unit was accessible during the spring 2013 inspection, but was difficult to open and should be monitored.					

No Photos

* Location
LS : Land Side
WS : Water Side
CR : Crown

** Rating
A : Acceptable
M : Minimally Acceptable
U : Unacceptable
N : Not Inspected/Rated
C : Corrected
A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
En : Enforcement

**Flood Control Project Maintenance
Levee Inspections**

Levee Inspection Report By Mile - Spring 2014

Sutter Maintenance Yard Nelson Bend

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Feather River West Levee-Nelson Bend		0.50	05/01/2014 05/01/2014	Matthew Hoffman

LM Start	0.01	Rating **	M	Issue No.	1
LM End	0.45	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.886937 °	38.880822 °
				-121.614752 °	-121.614565 °
DWR ID	DWR_ST0006_01_s _ 2012_1				
Action/Comments					
Remove the wild growth other than native grasses from the levee slopes.					

Photo 1 of 1 : mhoffman_s_20140401_291.jpg



This photo was taken at levee mile 0.10 looking upstream at the waterward vegetation.

LM Start	0.01	Rating **	M	Issue No.	3
LM End	0.45	Issue Type +	Ma	Location *	LS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Trim / Thin Trees			38.886933 °	38.880857 °
				-121.614753 °	-121.614555 °
DWR ID	DWR_ST0006_01_s _ 2012_3				
Action/Comments					
Thin trees to allow visibility of the ground and room to flood fight.					

Photo 1 of 1 : mhoffman_s_20140401_292.jpg



Trim the trees up 5 feet to allow visibility.

LM Start	0.05	Rating **	M	Issue No.	4
LM End	0.05	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.886408 °	38.886408 °
				-121.615092 °	-121.615092 °
DWR ID	DWR_ST0006_01_s _ 2012_4				
Action/Comments					
Elderberries are blocking visibility and flood fight capability.					

Photo 1 of 1 : mhoffman_s_20140401_293.jpg



View of the elderberries that are blocking visibility.

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+ Issue Type
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Ob : Design & System Obsolescence
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**Flood Control Project Maintenance
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Levee Inspection Report By Mile - Spring 2014

Sutter Maintenance Yard Nelson Bend

Waterway	Bank	Unit Miles	Inspection Start/End	Inspector
Unit No. 01 Feather River West Levee-Nelson Bend		0.50	05/01/2014 05/01/2014	Matthew Hoffman

LM Start	0.13	Rating **	M	Issue No.	5
LM End	0.22	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.885320 °	38.883970 °
				-121.615677 °	-121.615830 °
DWR ID	DWR_ST0006_01_s _ 2012_5				
Action/Comments					
Elderberries are blocking visibility and flood fight capability.					

No Photos

LM Start	0.30	Rating **	M	Issue No.	6
LM End	0.30	Issue Type +	Ma	Location *	WS
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Vegetation			38.882870 °	38.882870 °
				-121.615477 °	-121.615477 °
DWR ID	DWR_ST0006_01_s _ 2012_6				
Action/Comments					
Elderberries are blocking visibility and flood fight capability.					

No Photos

LM Start	0.48	Rating **	U	Issue No.	8
LM End	0.48	Issue Type +	En	Location *	CR
Category	Earthen Levee			GPS Latitude/Longitude	
				Start	End
Item	Encroachments			38.880488 °	38.880488 °
				-121.614230 °	-121.614230 °
DWR ID	DWR_ST0006_01_s _ 2012_8				
Action/Comments					
Building					

No Photos

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A/W : Acceptable but Monitor & Maintain

+ Issue Type
Ma : Maintenance Deficiency
Ob : Design & System Obsolescence
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